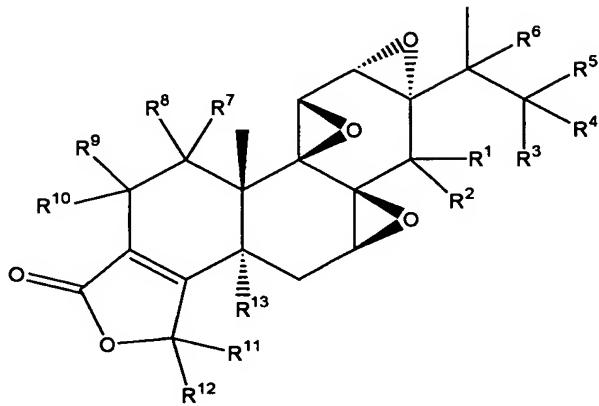


ABSTRACT

Compounds having the structure I:



5 are useful for inducing cell death (apoptosis) and in immunosuppression. In structure I,
 CR^1R^2 is selected from CHOH , C=O , CHF , CF_2 and $\text{C}(\text{CF}_3)\text{OH}$;
 CR^6 and CR^{13} are selected from CH , COH and CF ;
 CR^7R^8 , CR^9R^{10} and $\text{CR}^{11}\text{R}^{12}$ are selected from CH_2 , CHOH , C=O , CHF and CF_2 ; and
 $\text{CR}^3\text{R}^4\text{R}^5$ is selected from CH_3 , CH_2OH , C=O , COOH , CH_2F , CHF_2 and CF_3 ;
10 such that: at least one of $\text{R}^1\text{-R}^{13}$ comprises fluorine;
 no more than two of $\text{CR}^3\text{R}^4\text{R}^5$, CR^6 , CR^7R^8 , CR^9R^{10} , $\text{CR}^{11}\text{R}^{12}$, and CR^{13} comprises
 fluorine or oxygen;
 and, when CR^1R^2 is CHOH , $\text{CR}^3\text{R}^4\text{R}^5$ is not CH_2F .